

QIDI Max 4 3D printer



Model: MAX4qidi

Manufacturer: QIDI

EAN: 744581222559

Product Code: 1291338

R39,732

QIDI Max 4 3D printer

The QIDI Max 4 is an advanced 3D printer designed for large projects and working with demanding materials. The large workspace, high head temperature, and active chamber heating allow you to print both standard filaments and engineering materials. The CoreXY design, fast closed-loop motors, and extensive cooling system ensure that the device works quickly, stably, and precisely.

Large workspace

The QIDI Max 4 offers a working area of 390 × 390 × 340 mm. Such a large print volume allows you to create large models in one piece without having to divide the project into smaller parts. This saves you time on assembly and maintains the strength of the finished model.

High print head temperature for technical materials

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The print head reaches a temperature of up to 370°C, which allows you to work with a wide range of filaments – from PLA and PETG to more demanding materials such as PC or carbon fiber composites. The ceramic throat and improved heat dissipation module reduce the risk of nozzle clogging, keeping printing stable even at high temperatures.

Active chamber heating

The third generation of active chamber heating reaches temperatures of up to 65°C. Combined with the air circulation system, this creates a stable environment for printing materials that are prone to deformation. As a result, even large models made of PLA or ABS retain their geometry and do not curl at the edges.

Very fast and precise printing

The use of FOC stepper motors in a closed loop increases drive efficiency by up to 65%. The maximum printing speed reaches 800 mm/s, and the acceleration reaches 30,000 mm/s². This configuration significantly reduces project completion time while maintaining high accuracy.

Stable CoreXY design

The CoreXY motion system with 10 mm wide 1.5GT belts ensures high rigidity and accuracy of the head guidance. The X-axis uses a high-hardness linear guide, the Y-axis uses 12 mm steel shafts, and the Z-axis uses four guides and two independent motors with trapezoidal screws. This allows the printer to remain stable even with large and heavy models.

Automatic leveling and print control

The printer is equipped with automatic table leveling with a load cell sensor integrated into the hot end. The monitoring system includes a filament end sensor, an AI camera, and a print resume function after a power failure. This makes the printing process safer and requires less manual control.

Air filtration and convenient operation

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The QIDI Max 4 has a 3-stage air filtration system consisting of a G3 pre-filter, HEPA H12 filter, and activated coconut carbon. The printer is also equipped with a 5-inch touch screen, Wi-Fi and Ethernet connectivity, and a 1080p camera for viewing and recording timelapse footage of the printing process.

Included

- Filament holder with pneumatic head
- Filament spool holder
- Holder cover
- Case door handle
- Spare parts kit
- Mechanism maintenance oil
- 7 mm wrench
- Power cord
- Ethernet cable
- USB flash drive with software and files
- Flat screwdriver
- Adhesive for the work surface to improve print adhesion
- Set of Allen keys (H1.27, H1.5, H2, H2.5, H3)
- Scraper for removing prints from the table

Manufacturer	QiDi
Model	Max 4
Working area	390 × 390 × 340 mm
Printer dimensions	558 × 578 × 612 mm
Weight	40 kg
Maximum head temperature	up to 370°C
Maximum table temperature	up to 120°C

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Chamber temperature	up to 65°C (active heating – 3rd generation)
Maximum print speed	800 mm/s
Maximum acceleration	30,000 mm/s ²
Extruder	Direct Drive, hardened steel double gears
Supported filaments	PLA, ABS, ASA, PETG, TPU, PA, PC, carbon fiber and glass fiber composites
Filament diameter	1.75 mm
Material flow	40 mm ³ /s
Automatic leveling	yes (load cell sensor in hotend)
Filament sensor	Yes – filament end detection
Air filter	3-in-1: G3 + HEPA H12 + activated carbon
Camera	1080p with timelapse support
Connectivity	Wi-Fi 2.4/5 GHz, Ethernet, USB
Memory	32 GB eMMC + USB 2.0
Screen	5" touchscreen 800 × 480
Supported file formats	STL, OBJ, 3MF, STEP, STP
Software	QIDI Studio, OrcaSlicer, PrusaSlicer, and others
Power supply	110V / 220–240V AC, 50/60 Hz
Rated power	150 W + 500 W (chamber heating) + 700 W (heating table)

Printing speed (mm/h): 800, Gross weight: 51000, Net weight: 40000, Box width: 71,00, Box length: 75,00, Box height: 69,00, Information about data generation:
<https://dataact.innpro.pl/QiDi/744581222559>, PPWR: <https://ppwr.innpro.pl/qidi>

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